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PATENT  
Docket No. 14321.58

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Mino et al.

Serial No.: 10/675,391

Filed: Sep. 30, 2003

For: OPTICAL MODULE AND OPTICAL SWITCH  
CONSTITUTING THE SAME

Examiner: Christopher M. Kalivoda

Patent No.: 6,999,652 B2

Issue Date: Feb. 14, 2006

Art Unit  
2883

### REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323

Attn: Certificate of Correction Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. § 1.323 which implement 35 U.S.C. § 255, the Commissioner is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form 1050 reflects the desired corrections. Also enclosed please find a check in the amount of \$100.00 to cover the costs for issuance of this certificate.

**Certificate**  
NOV 28 2006  
**of Correction**

11/24/2006 HDEMSS2 00000049 6999652

01 FC:1811

100.00 OP

\* Admitted only in California  
§ Admitted only in Virginia

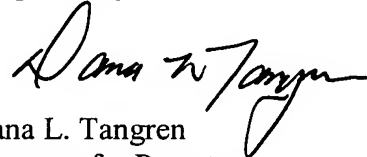
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NOV 28 2006

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178. Duplicate copies of this letter are enclosed.

Dated this 20 day of November, 2006.

Respectfully submitted,

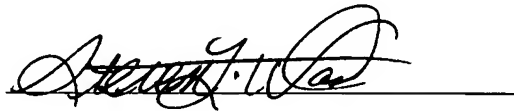


Dana L. Tangren  
Attorney for Patentee  
Registration No. 37,246  
Customer No. 022913

DLT:slw  
Docket No. 14321.58  
PR0000001655V001

CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20<sup>th</sup> day of November, 2006.



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323,  
PTO Form 1050 and Check No. 149876 for \$100.00

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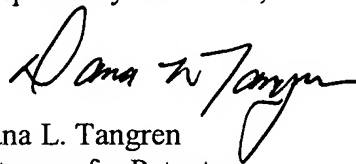
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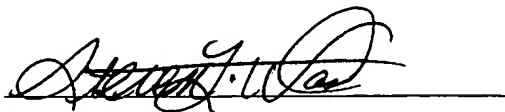


Dana L. Tangren  
Attorney for Patentee  
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# UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,999,652 B2

DATED : Feb. 14, 2006

INVENTOR(S) : Mino et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Cover Page,

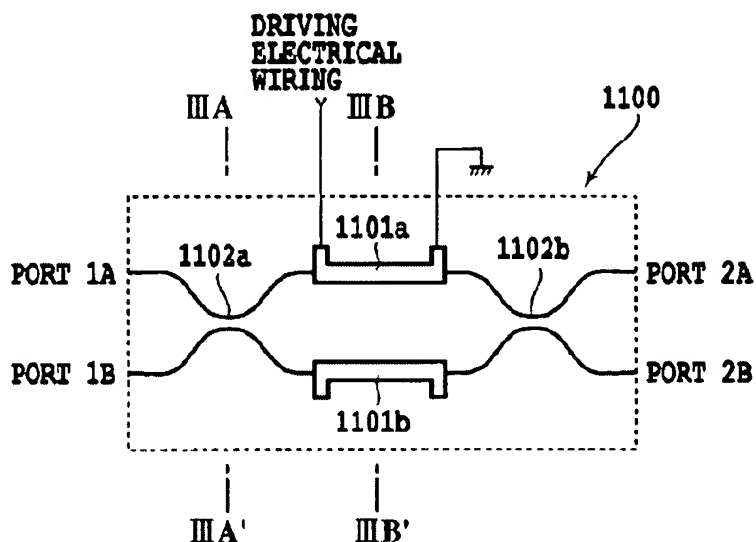
Item (75), after "Akira Himeno," change "Naka-machi" to --Naka-Gun--

Item (56), OTHER PUBLICATIONS, T. Shibata et al., line 3, change "Ahaheim," to --Anaheim,--

Drawings,

Sheet 3, replace Figure 3A as shown below to change mislabeled reference number "C00" to --1100--

**FIG.3A**  
**PRIOR ART**



MAILING ADDRESS OF SENDER (Please do not use customer number

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PATENT NO. 6,999,652 B2

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It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1,

Line 6, change "341334filed" to --341334 filed--

Lines 28-29, change "more increases," to --continues to increase--

Line 35, after "throughput" change "with" to --while--

Line 50, before "output ports." insert --N--

Line 52, change "it" to --the 1xN optical switch--

Column 2,

Line 4, change "a1xN" to --a 1xN--

Column 4,

Line 9, change "Proc. 27<sup>th</sup>" to --Proc. 27<sup>th</sup>--

Column 5,

Line 20, after "layer of" remove [the]

Line 22, before "each gap" remove [the]

Line 59, before "substrates," insert --of the--

Column 6,

Line 12, change "recently," to --regularly,--

Line 41, change "father" to --further--

Column 7,

Line 61, before "other two-port" insert --the--

Column 8,

Line 50, change "mth input waveguide to lth" to --m<sup>th</sup> input waveguide to  $\ell^{\text{th}}$  --

Line 53, after "m and" change "l" to -- $\ell$  --

Line 53, change " $1 \leq l \leq L$ ," to -- $1 \leq \ell \leq L$ --

Line 59, change "output input waveguides" to --output waveguides--

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Column 9,

Line 8, before "optical switch" insert --an--

Line 14, before "to miniaturize" remove [the]

Column 10,Line 52, change "mth" to --m<sup>th</sup>--Column 11,

Line 61, change "reduced, furthermore," to --reduced. Furthermore,--

Column 12,

Line 30, after "but also" change "into" to --onto--

Line 37, after "The module" insert --is--

Line 41, change "a7-stage" to --a 7-stage--

Line 47, change "Ics" to --ICs--

Column 13,

Line 4, change "with bringing" to --while bringing--

Line 7, before "desired one" insert --the--

Line 16, change "2x2optical" to --2x2 optical--

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Column 17,

Line 23, after "optical switch" change "increases" to --has increased--

Line 50, change "driving IC" to --driving ICs--

Line 52, after "by connecting" insert --them--

Column 18,

Line 17, after "can be" change "reduce" to --reduced--

Column 21,

Line 14, change "eight array" to --eight arrays--

Line 15, before "same" change "a" to --the--

Line 23, after "gain equalizer" change "with" to --while--

Line 26, change "optical switch" to --optical switches--

Line 27, after "PLC substrate" change "with" to --while--

Line 30, after "waveguides" change "with" to --while--

Column 23,

Line 55, change "wave length" to --wavelength--

Column 24,

Line 22, change "wavelength" to --wavelengths--

Column 26,

Line 14, after "of one of" insert --the--

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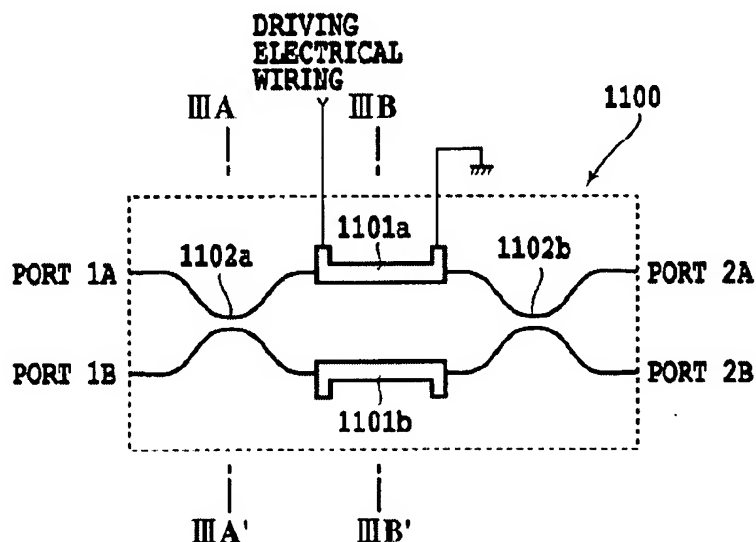
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